

#17

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/506,334
Source: PCF
Date Processed by STIC: 12/14/05

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/506,334

DATE: 12/14/2005

TIME: 14:38:13

Input Set : A:\258087US0XPCT.txt

Output Set: N:\CRF4\12142005\J506334.raw

3 <110> APPLICANT: LINARD, BORIS
 4 JOTEREAU, FRANCINE
 5 BENLALAM, HOUSSEM
 6 DIEZ, ELIZABETH
 7 GUILLOUX, YANNICK
 8 LABARRIERE, NATHALIE
 9 GERVOIS, NADINE
 10 DERRE, LAURENT
 12 <120> TITLE OF INVENTION: PEPTIDES FOR USE IN ANTITUMOR IMMUNOTHERAPY
 14 <130> FILE REFERENCE: 258087US0XPCT
 16 <140> CURRENT APPLICATION NUMBER: 10/506,334
 17 <141> CURRENT FILING DATE: 2004-09-02
 19 <150> PRIOR APPLICATION NUMBER: PCT/FR03/00698
 20 <151> PRIOR FILING DATE: 2003-03-04
 22 <150> PRIOR APPLICATION NUMBER: FR 02/02703
 23 <151> PRIOR FILING DATE: 2002-03-04
 25 <160> NUMBER OF SEQ ID NOS: 35
 27 <170> SOFTWARE: PatentIn version 3.3
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 9
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Synthetic Peptide
 38 <220> FEATURE:
 39 <221> NAME/KEY: MISC_FEATURE
 40 <222> LOCATION: (2)..(2)
 41 <223> OTHER INFORMATION: X = A or P
 43 <220> FEATURE:
 44 <221> NAME/KEY: MISC_FEATURE
 45 <222> LOCATION: (9)..(9)
 46 <223> OTHER INFORMATION: X = T or Y
 48 <400> SEQUENCE: 1
 W--> 50 Glu Xaa Ala Gly Ile Gly Ile Leu Xaa
 51 1 5
 54 <210> SEQ ID NO: 2
 55 <211> LENGTH: 9
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Homo sapiens
 59 <400> SEQUENCE: 2
 61 Glu Val Asp Pro Ile Gly His Val Tyr
 62 1 5
 65 <210> SEQ ID NO: 3

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 12/14/2005

PATENT APPLICATION: US/10/506,334

TIME: 14:38:13

Input Set : A:\258087US0XPCT.txt

Output Set: N:\CRF4\12142005\J506334.raw

```

66 <211> LENGTH: 9
67 <212> TYPE: PRT
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 3
72 Val Pro Leu Asp Cys Val Leu Tyr Arg
73 1 5
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 12
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 4
83 Thr Pro Arg Leu Pro Ser Ser Ala Asp Val Glu Phe
84 1 5 10
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 9
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 5
94 Met Pro Phe Ala Thr Pro Met Glu Ala
95 1 5
98 <210> SEQ ID NO: 6
99 <211> LENGTH: 13
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 6
105 Thr Ala Glu Glu Ala Ala Gly Ile Gly Ile Leu Thr Val
106 1 5 10
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 12
111 <212> TYPE: PRT
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 7
116 Glu Ala Ala Gly Ile Gly Ile Leu Thr Val Ile Leu
117 1 5 10
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 10
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 8
127 Glu Ala Ala Gly Ile Gly Ile Leu Thr Val
128 1 5 10
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 10
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic Peptide
139 <400> SEQUENCE: 9
141 Glu Ala Ala Gly Ile Gly Ile Leu Thr Tyr

```

RAW SEQUENCE LISTING

DATE: 12/14/2005

PATENT APPLICATION: US/10/506,334

TIME: 14:38:13

Input Set : A:\258087US0XPCT.txt

Output Set: N:\CRF4\12142005\J506334.raw

```

142 1          5          10
145 <210> SEQ ID NO: 10
146 <211> LENGTH: 9
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Synthetic Peptide
153 <400> SEQUENCE: 10
155 Glu Ala Ala Gly Ile Gly Ile Leu Tyr
156 1          5
159 <210> SEQ ID NO: 11
160 <211> LENGTH: 10
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic Peptide
167 <400> SEQUENCE: 11
169 Glu Pro Ala Gly Ile Gly Ile Leu Thr Tyr
170 1          5          10
173 <210> SEQ ID NO: 12
174 <211> LENGTH: 10
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Synthetic Peptide
181 <400> SEQUENCE: 12
183 Glu Pro Ala Gly Ile Gly Ile Leu Thr Val
184 1          5          10
187 <210> SEQ ID NO: 13
188 <211> LENGTH: 10
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapiens
192 <400> SEQUENCE: 13
194 Val Pro Leu Asp Cys Val Leu Tyr Arg Tyr
195 1          5          10
198 <210> SEQ ID NO: 14
199 <211> LENGTH: 14
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 14
205 Thr Pro Arg Leu Pro Ser Ser Ala Asp Val Glu Phe Cys Leu
206 1          5          10
209 <210> SEQ ID NO: 15
210 <211> LENGTH: 13
211 <212> TYPE: PRT
212 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 15
216 Leu Ala Met Pro Phe Ala Thr Pro Met Glu Ala Glu Leu
217 1          5          10

```

RAW SEQUENCE LISTING

DATE: 12/14/2005

PATENT APPLICATION: US/10/506,334

TIME: 14:38:13

Input Set : A:\258087US0XPCT.txt

Output Set: N:\CRF4\12142005\J506334.raw

```

220 <210> SEQ ID NO: 16
221 <211> LENGTH: 12
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
225 <400> SEQUENCE: 16
227 Leu Ala Met Pro Phe Ala Thr Pro Met Glu Ala Glu
228 1          5          10
231 <210> SEQ ID NO: 17
232 <211> LENGTH: 11
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 17
238 Met Pro Phe Ala Thr Pro Met Glu Ala Glu Leu
239 1          5          10
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 10
244 <212> TYPE: PRT
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 18
249 Met Pro Phe Ala Thr Pro Met Glu Ala Glu
250 1          5          10
253 <210> SEQ ID NO: 19
254 <211> LENGTH: 9
255 <212> TYPE: PRT
256 <213> ORGANISM: Homo sapiens
258 <400> SEQUENCE: 19
260 Glu Val Asp Pro Ile Gly His Leu Tyr
261 1          5
264 <210> SEQ ID NO: 20
265 <211> LENGTH: 9
266 <212> TYPE: PRT
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 20
271 Pro Leu Asp Cys Val Leu Tyr Arg Tyr
272 1          5
275 <210> SEQ ID NO: 21
276 <211> LENGTH: 12
277 <212> TYPE: PRT
278 <213> ORGANISM: Homo sapiens
280 <400> SEQUENCE: 21
282 Thr Thr Ala Glu Glu Ala Ala Gly Ile Gly Ile Leu
283 1          5          10
286 <210> SEQ ID NO: 22
287 <211> LENGTH: 9
288 <212> TYPE: PRT
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 22
293 Ala Ala Gly Ile Gly Ile Leu Thr Val
294 1          5

```

RAW SEQUENCE LISTING

DATE: 12/14/2005

PATENT APPLICATION: US/10/506,334

TIME: 14:38:13

Input Set : A:\258087US0XPCT.txt

Output Set: N:\CRF4\12142005\J506334.raw

```

297 <210> SEQ ID NO: 23
298 <211> LENGTH: 9
299 <212> TYPE: PRT
300 <213> ORGANISM: Homo sapiens
302 <400> SEQUENCE: 23
304 Glu Ala Ala Gly Ile Gly Ile Leu Thr
305 1 5
308 <210> SEQ ID NO: 24
309 <211> LENGTH: 10
310 <212> TYPE: PRT
311 <213> ORGANISM: Homo sapiens
313 <400> SEQUENCE: 24
315 Gln Val Pro Leu Asp Cys Val Leu Tyr Arg
316 1 5 10
319 <210> SEQ ID NO: 25
320 <211> LENGTH: 13
321 <212> TYPE: PRT
322 <213> ORGANISM: Homo sapiens
324 <400> SEQUENCE: 25
326 Thr Pro Arg Leu Pro Ser Ser Ala Asp Val Glu Phe Cys
327 1 5 10
330 <210> SEQ ID NO: 26
331 <211> LENGTH: 11
332 <212> TYPE: PRT
333 <213> ORGANISM: Homo sapiens
335 <400> SEQUENCE: 26
337 Thr Pro Arg Leu Pro Ser Ser Ala Asp Val Glu
338 1 5 10
341 <210> SEQ ID NO: 27
342 <211> LENGTH: 13
343 <212> TYPE: PRT
344 <213> ORGANISM: Homo sapiens
346 <400> SEQUENCE: 27
348 Pro Arg Leu Pro Ser Ser Ala Asp Val Glu Phe Cys Leu
349 1 5 10
352 <210> SEQ ID NO: 28
353 <211> LENGTH: 10
354 <212> TYPE: PRT
355 <213> ORGANISM: Homo sapiens
357 <400> SEQUENCE: 28
359 Thr Pro Arg Leu Pro Ser Ser Ala Asp Val
360 1 5 10
363 <210> SEQ ID NO: 29
364 <211> LENGTH: 9
365 <212> TYPE: PRT
366 <213> ORGANISM: Homo sapiens
368 <400> SEQUENCE: 29
370 Leu Pro Ser Ser Ala Asp Val Glu Phe
371 1 5

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/506,334

DATE: 12/14/2005
TIME: 14:38:14

Input Set : A:\258087US0XPCT.txt
Output Set: N:\CRF4\12142005\J506334.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,9

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/506,334

DATE: 12/14/2005

TIME: 14:38:14

Input Set : A:\258087US0XPCT.txt

Output Set: N:\CRF4\12142005\J506334.raw

L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0